

FIRST HILL STREETCAR



First Hill Streetcar Project Update

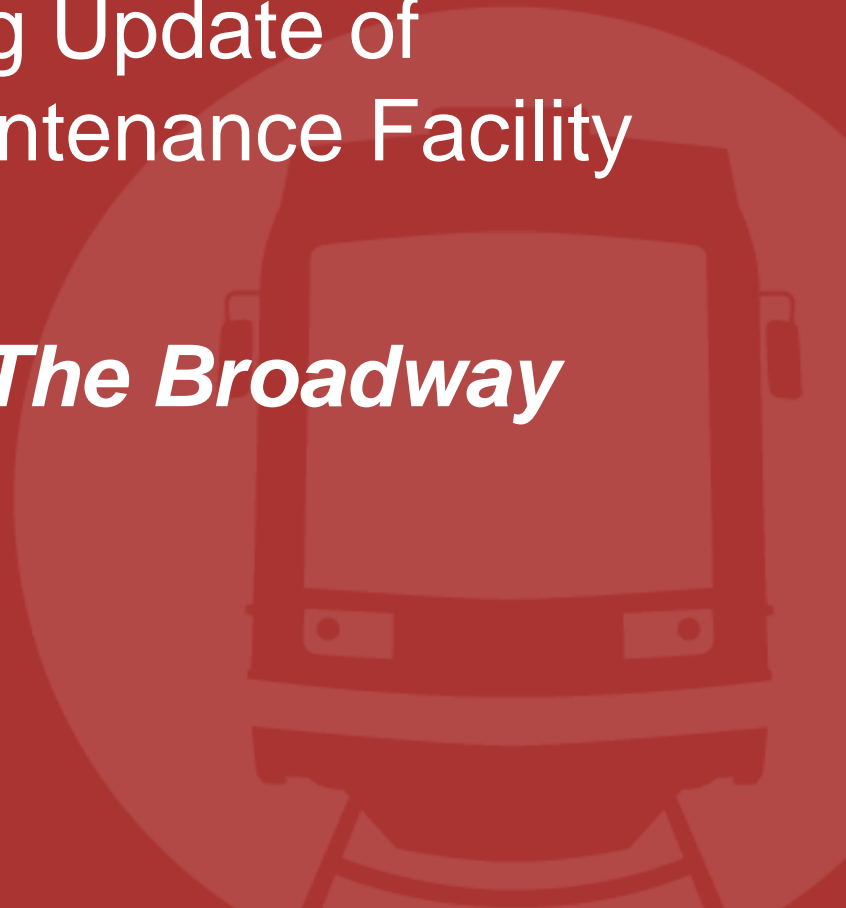
Seattle City Council Transportation Committee

April 12, 2011



Briefing Overview

- Project Background & Review of Progress to Date
- Preliminary Engineering Update of Alignment/Stations/Maintenance Facility
- Next Steps/Actions
- ***Briefing/Discussion: The Broadway Bikeway***



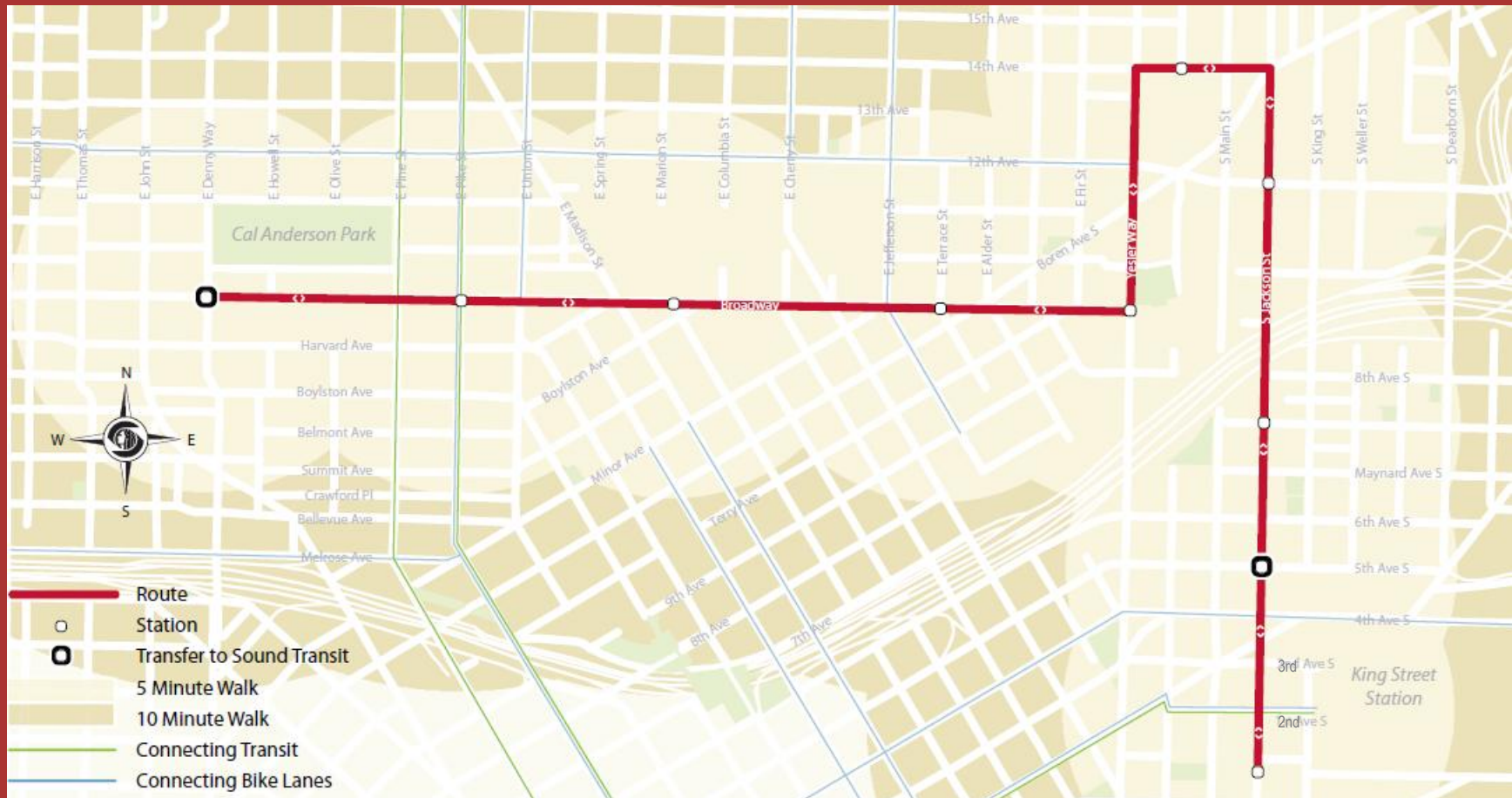
Review of Progress to Date

- Analysis of Route Alternatives
- Public Outreach December 2009-April 2010
- Council Route Approval May 2010
- SEPA/MDNS October 2010
- GC/CM Selection December 2010
- Preliminary Engineering January 2011

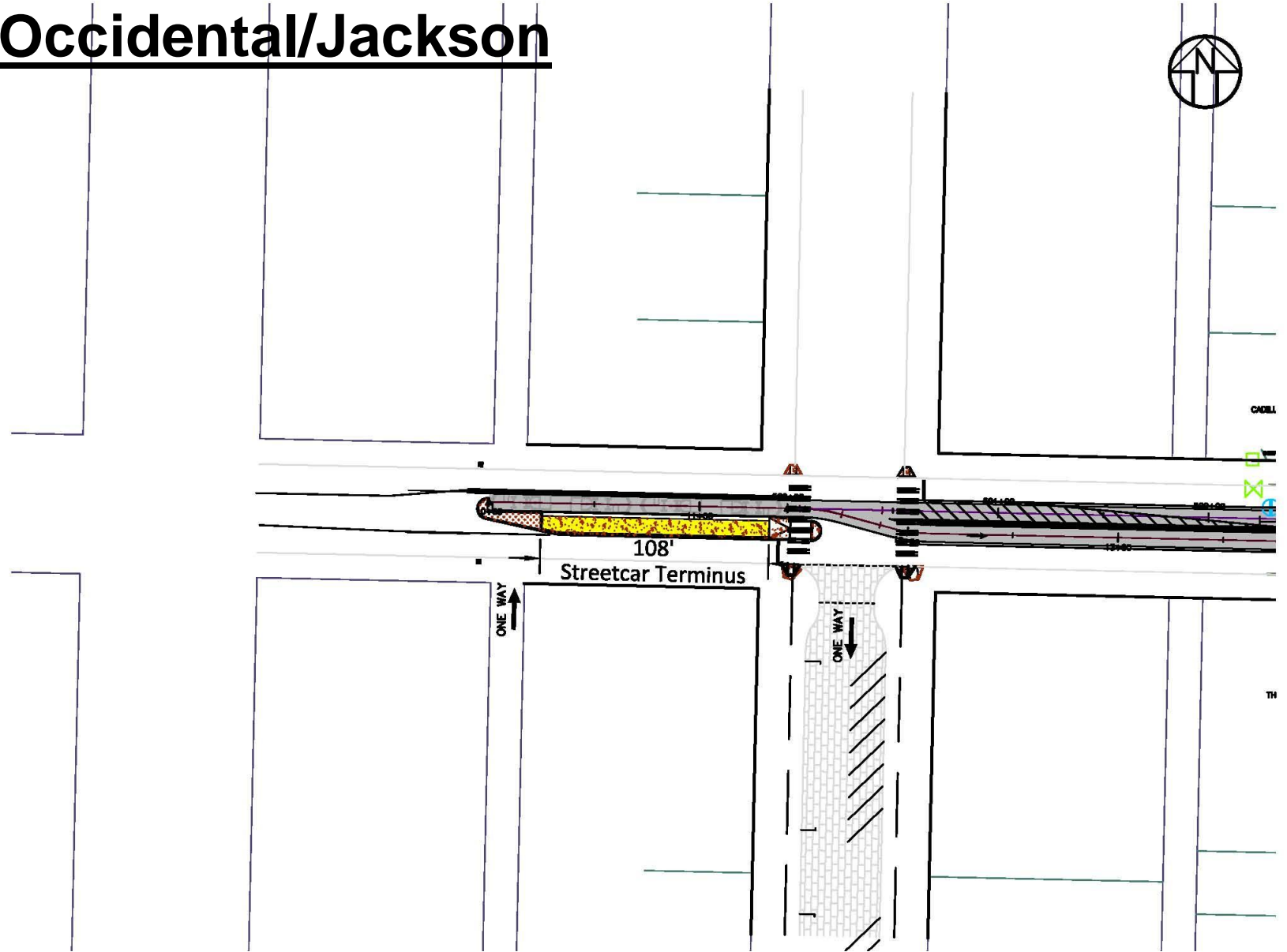


Alignment/Stations Update

- Pioneer Square Terminus

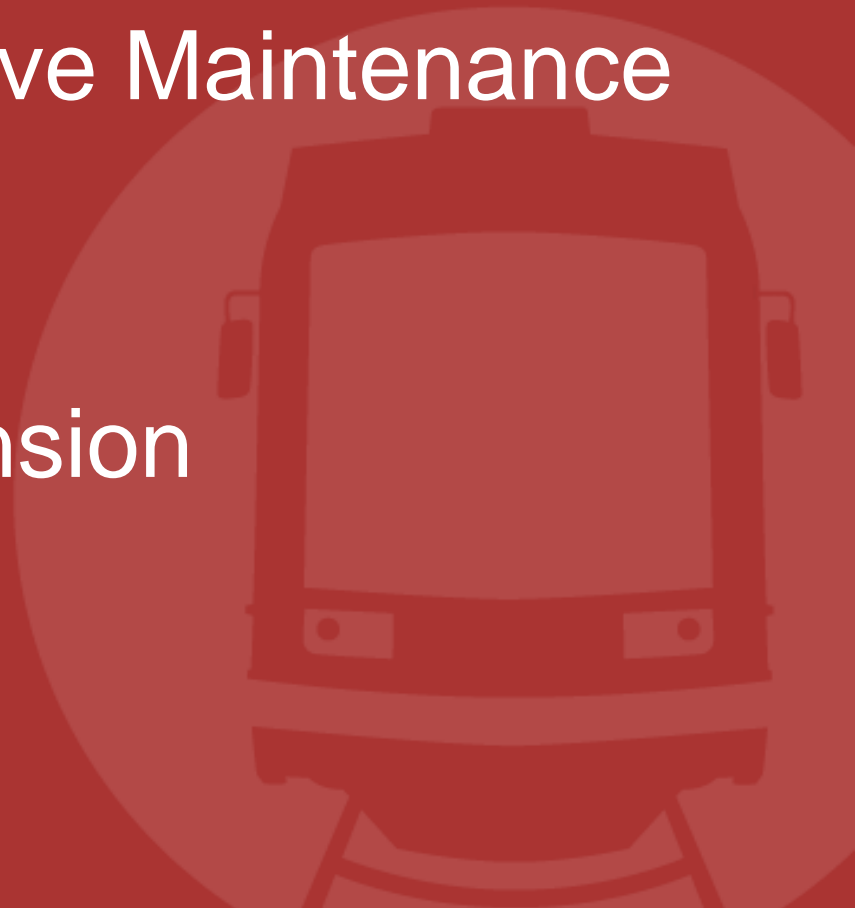


Occidental/Jackson



Maintenance Facility

- Storage of 6 to 8 Streetcars
- Routine/Preventative Maintenance
- Operator Dispatch
- Potential for Expansion



Site Alternatives/Vicinity Plan



Charles Street Service Center Site



MAINTENANCE FACILITY

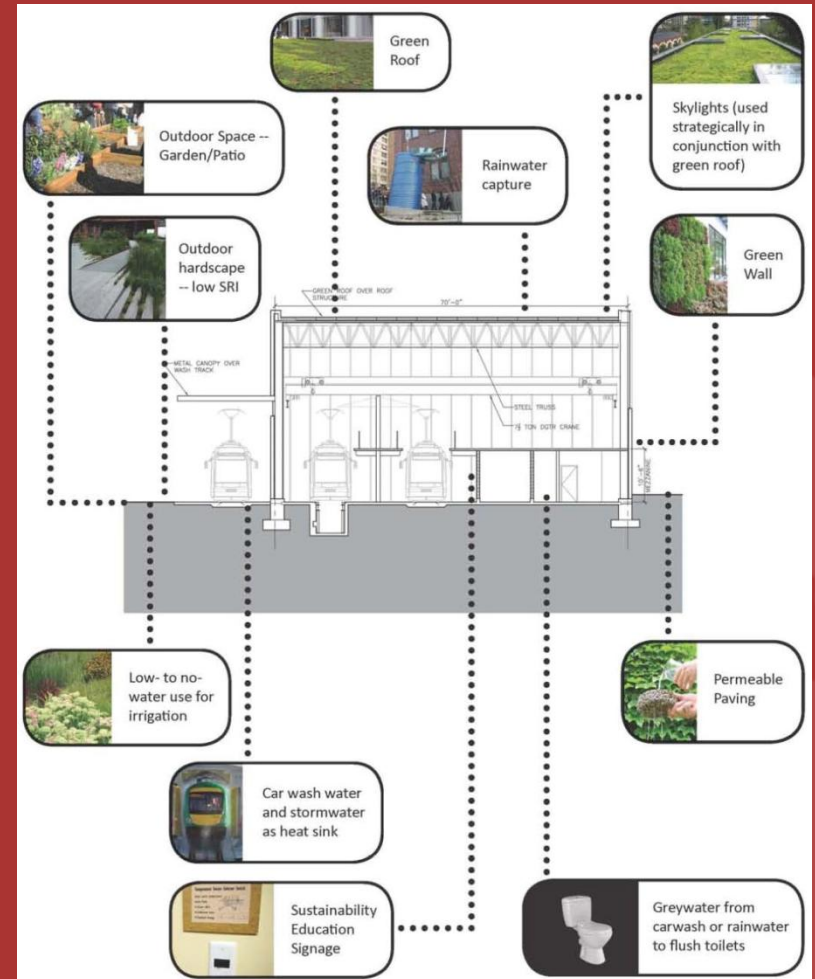
Rendering



MAINTENANCE FACILITY

Sustainability Features

- Minimum LEED Silver Certification
- Integrated Design Process
- Extensive Stormwater Mitigation Features: full green roof, pervious paving, green wall
- Renewable Energy: PV (photovoltaic) array
- Energy Efficiency: highly efficient heating system (variable refrigerant flow [VRF] and radiant flooring), daylighting to offset electric lighting, occupancy and daylighting sensors, natural ventilation
- Occupant Health and Comfort: natural daylighting, access to views, low to no-toxicity building materials
- Locally Sourced Materials
- Electric Car Charging Stations



Next Steps

- Design Development—60% Design June 1
- 60% Cost Estimate (June)
- Vehicle Proposals (June)
- Total Development Cost Estimate/Council Authorization to Negotiate & Execute Construction Contract (Summer or Early Fall)
- 90% Design/MACC Negotiation (August/September)
- Early Work (Summer/Fall)

Streetcar-Bicycle Integration:

The Broadway Bikeway

Presentation by Alta Planning & Design

